

Run II Resource Project, Status Report, Feb 11-Feb 15, 2008.

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After a much longer than expected slog, I completed understanding the D0 and CDF models and wrote a draft of the D0 model; I discussed this with Amber who answered the outstanding questions. The CDF model is very well documented already and requires minimal additional documentation. I am preparing a short summary that compares the models.

I proposed to Rick and Qizhong that my next step should be to start the data mining process to discover how resources are actually being used. I got the go-ahead from Rick and contacted Adam and Stephan to get started. Stephan put me in touch with Federica Moscato and Robert Illingworth. They have given me the introductory tour of CAF log files and the SAM database. I also have the CafAnalyze program from Rick. Adam was very enthusiastic about this project as it fulfills a task he has wanted done for a while; he will be in contact during the week of Feb 18-25 to launch me on the D0 side of this task. I expect that it will take me most of this week to learn what useful information is where and how to learn how to access it systematically.

The tasks for the week of Feb 18-25 are:

1. The data mining job.
2. Complete final edits to the D0 and CDF model write-ups.
3. Extend the existing models to out years using nominal assumptions.
  - This is just the technical job of extending the code/spreadsheets using nominal assumptions. Putting in real numbers comes a later.
4. I have asked Vicky for a meeting to discuss which futures she wants me to consider and the form in which she wants the final output.

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